

Appendix C

Monitoring Plan for the Napa Plant Site

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS of the Napa Plant Site (Green Island Unit)

SAMPLE POINT:	METHOD	North Unit breach	Central Unit breach	South Unit @ 2 breaches
MATRIX: WATER				
Salinity ¹	multiparameter probe	D/M	D/M	D/M
pH ¹	multiparameter probe	D/M	D/M	D/M
Temperature ¹	multiparameter probe	D/M	D/M	D/M
Turbidity ¹	multiparameter probe	D/M	D/M	D/M
Dissolved oxygen ¹	multiparameter probe	D/M	D/M	D/M
Methyl mercury ²	EPA 1630	B	B	B
MATRIX: SEDIMENT				
Methyl mercury ²	UC Davis method for biosentinel fish; FGS 045 or other appropriate method for sediment and water	B	B	B

Notes:

¹ Field test only

² Methyl mercury

D/M

B

Monitoring using analysis of biosentinel fish species developed by UC Davis researchers is preferred, however water and sediment will be tested if inclusion of the Napa Plant Site in the biosentinel regional program is not feasible.

Once per year

Once within 3 days prior to breach; during the first and fifth day following breach; weekly during the first month;

Biennially (every two years)